

PROJECT WET

Alignment with Maryland Voluntary State Curriculum Grades K-2ⁱ

AQUA BODIES – GRADES K-6; PAGE 63

STUDENTS TRACE THEIR BODIES AND COLOR PORTIONS TO REPRESENT THE AMOUNT OF WATER THEIR BODIES CONTAIN. HOW DOES THEIR WATER CONTENT COMPARE TO THAT OF A CACTUS, LETTUCE, OR A WHALE? NOTES: K-2 TEACHERS MAY WANT TO FOCUS ON PART 1 ONLY; THIS ACTIVITY ALSO INVOLVES ART.

Reading/English/Language Arts	Social Studies	Science	Mathematics
None	None	1.0 Skills & Processes: A. Constructing Knowledge; B. Applying Evidence and Reasoning; C. Communicate Scientific Information; Kindergarten 3.0 Life Science: D. Evolution: 1. There are different kinds of living things in different places: c. external features of plants & animals affect how well they thrive; E. Flow of Matter & Energy: 1. How features of living things are related to their ability to satisfy basic needs for growth and survival (acquiring water). Grade 2 6.0 Environmental Science: A. Natural Resources and Human Needs: 1. Natural resources are used to meet human needs (water).	None

HOUSE OF SEASONS – GRADES K-3; PAGE 155

BY CONSTRUCTING A “HOUSE OF SEASONS” COLLAGE, STUDENTS OBSERVE THE ROLE OF WATER IN EACH OF THE SEASONS. NOTE: THIS ACTIVITY INVOLVES ART.

Reading/English/Language Arts	Social Studies	Science	Mathematics
4.0 Writing: 2. Compose oral, written, and visual presentations; a & f (drawing; journals; letters; logs).	None	1.0 Skills & Processes: A. Constructing Knowledge; B. Applying Evidence and Reasoning; C. Communicate Scientific Information. 2.0 Earth & Space: E. Interactions of Hydrosphere and Atmosphere: Kindergarten - 2. Changes in weather. Grade 1 - Describe observable changes in water on the surface of the Earth (states of water); 2. Some events in nature have repeating patterns (e.g., weather).	None

COMMON WATER – GRADES 3-8 (K-2 OPTION); PAGE 232

STUDENTS ANALYZE THE RESULTS OF A SIMULATION TO UNDERSTAND THAT WATER IS A SHARED RESOURCE AND IS MANAGED.

Reading/English/Language Arts	Social Studies	Science	Mathematics
None	<p>Kindergarten</p> <p>3.0 Geography: B. Characteristics of Places & Regions: 1. c. (how humans have changed the land); D. Modifying & Adapting the Environment. b. (ways people change the environment to meet their needs); 4.0 Economics A. Scarcity & Economic Decision-Making: 2. c. We use natural resources to make products.</p> <p>Grade 1</p> <p>2.0 People of the Nation & World: A. Elements of Culture. 1. a. How people meet their needs.</p> <p>3.0 Geography: B. Geographic Characteristics of Places & Regions: 1. c. (describe places by how people make a living & where they live); D. Modifying & Adapting the Environment. a-c (meeting human needs; protect & conserve environment).</p> <p>Grade 2</p> <p>1.0 Political Science</p> <p>C. Protecting Rights & Maintaining Order: 1 a-b (making choices & ID community concerns; Grade 2</p> <p>3.0 Geography: D. Modifying & Adapting the Environment. 1 a-c (impact of modifying environment; protecting environment; responding to environmental emergencies).</p> <p>All grades 6.0 Social Studies Skills & Processes A Develop & apply social studies vocabulary: economic resources; environment; natural resources; natural/physical features & characteristics; population distribution; production; scarcity; settlement patterns; Smart Growth; sustainable development).</p>	<p>1.0 Skills & Processes: A. Constructing Knowledge; B. Applying Evidence and Reasoning; C. Communicate Scientific Information; D. Technology.</p> <p>Grade 2</p> <p>6.0 Environmental Science: A. Natural Resources and Human Needs: 1. Natural resources are used to meet human needs; conservation.</p> <p>Grades K-2</p> <p>B. Environmental Issues: 1. Identify “natural” resources; caring for natural resources is important; people affect the environment.</p>	None

LONG HAUL – GRADES K-12; PAGE 260

STUDENTS WORK IN TEAMS TO COMPETE IN A WATER-HAULING GAME.

Reading/English/Language Arts	Social Studies	Science	Mathematics
None	Grade 1 2.0 People of the Nation & World: A. Elements of Culture. 1. a. How people meet their needs. 6.0 Social Studies Skills & Processes: A. Develop & apply social studies vocabulary: e.g., economic resources; environment; natural resources; scarcity; sustainable development.	1.0 Skills & Processes: A. Constructing Knowledge; B. Applying Evidence and Reasoning; C. Communicate Scientific Information. Grade 2 6.0 Environmental Science: A. Natural Resources and Human Needs: 1. Natural resources are used to meet human needs; conservation. All Grades B. Environmental Issues: 1. Identify “natural” resources; caring for natural resources is important; people affect the environment.	Grade 2 3.0 Knowledge of Measurement: A. Measurement Units: e. ID & compare weights in pounds; B. Measurement Tools: 1. Measure in customary & metric. 7.0 Processes of Math A. Problem Solving; B. Reasoning; C. Communication; D. Connections: 1. Relate or apply mathematics within the discipline, to other disciplines, & to life (a-d).

ⁱ Activities meet standards as noted. When a standard is listed without notation, the activity meets the standard fully.